AMENDMENTS TO THE CLAIMS:

Claims 1-4. (Canceled).

Claim 5. (Currently amended) An optical recording apparatus comprising:

a semiconductor laser having a blue color wavelength and generating a light beam;

an optical fiber that transmits the light beam in a single mode;

a laser module which guides the light beam of the semiconductor laser to the optical fiber; and

an optical recording medium to which is applied an output beam from the optical fiber to form a latent image,

wherein a relative refractive index difference of the optical fiber is in a range of from 0.1 % to 0.2 %, a core diameter of the optical fiber is 4.5μm or less and a diameter of a beam spot emitted from the optical fiber is 3 μm or more ~~The optical recording apparatus according to Claim 1~~, wherein a spot of the output beam applied to the optical recording medium has a single peak circular light intensity distribution.

Claim 6. (Currently amended) An optical recording apparatus comprising:

a semiconductor laser having a blue color wavelength and generating a light beam;

an optical fiber that transmits the light beam in a single mode;

a laser module which guides the light beam of the semiconductor laser to the optical fiber; and

an optical recording medium to which is applied an output beam from the optical fiber to form a latent image,

wherein a relative refractive index difference of the optical fiber is in a range of from 0.1 % to 0.2 %, a core diameter of the optical fiber is 4.5μm or less and a diameter of a beam spot emitted from the optical fiber is 3 μm or more ~~The optical recording apparatus according to Claim 1~~, wherein a spot of the output beam applied to the optical recording medium has a single peak elliptic Gaussian light intensity distribution.

Claim 7. (Currently amended) An optical recording apparatus comprising:

a semiconductor laser having a blue color wavelength and generating a light beam;

an optical fiber that transmits the light beam in a single mode;

a laser module which guides the light beam of the semiconductor laser to the optical fiber; and

an optical recording medium to which is applied an output beam from the optical fiber to form a latent image,

wherein a relative refractive index difference of the optical fiber is in a range of from 0.1 % to 0.2 %, a core diameter of the optical fiber is 4.5μm or less and a diameter of a beam spot emitted from the optical fiber is 3 μm or more , wherein

the semiconductor laser comprises a plurality of semiconductor lasers;

the laser module comprises a plurality of laser modules,

the optical fiber comprises a plurality of optical fibers,

wherein respective optical fibers are aligned at an equal interval in an array ~~The optical recording apparatus according to Claim 2~~, wherein a spot of the output beam applied to the optical recording medium has a single peak circular light intensity distribution.

Claim 8. (Currently amended) An optical recording apparatus comprising:

a semiconductor laser having a blue color wavelength and generating a light beam;

an optical fiber that transmits the light beam in a single mode;

a laser module which guides the light beam of the semiconductor laser to the optical fiber; and

an optical recording medium to which is applied an output beam from the optical fiber to form a latent image,

wherein a relative refractive index difference of the optical fiber is in a range of from 0.1 % to 0.2 %, a core diameter of the optical fiber is 4.5μm or less and a diameter of a beam spot emitted from the optical fiber is 3 μm or more, wherein

the semiconductor laser comprises a plurality of semiconductor lasers;

the laser module comprises a plurality of laser modules,

the optical fiber comprises a plurality of optical fibers,

wherein respective optical fibers are aligned at an equal interval in an array ~~The optical recording apparatus according to Claim 2~~, wherein a spot of the output beam applied to the optical recording medium has a single peak elliptic Gaussian light intensity distribution.

Claims 9-10. (Canceled).

Claim 11. (New) The optical recording apparatus of claim 5, wherein a wavelength of the semiconductor laser is in a range of from 390 nm to 450 nm.

Claim 12. (New) The optical recording apparatus of claim 5, wherein the latent image is visualized and printed on a recording medium.

Claim 13. (New) The optical recording apparatus of claim 6, wherein a wavelength of the semiconductor laser is in a range of from 390 nm to 450 nm.

Claim 14. (New) The optical recording apparatus of claim 6, wherein the latent image is visualized and printed on a recording medium.

Claim 15. (New) The optical recording apparatus of claim 7, wherein a wavelength of the semiconductor laser is in a range of from 390 nm to 450 nm.

Claim 16. (New) The optical recording apparatus of claim 7, wherein the latent image is visualized and printed on a recording medium.

Claim 17. (New) The optical recording apparatus of claim 8, wherein a wavelength of the semiconductor laser is in a range of from 390 nm to 450 nm.

Claim 18. (New) The optical recording apparatus of claim 8, wherein the latent image is visualized and printed on a recording medium.

Claim 19. (New) The optical recording apparatus of claim 5, wherein a relative refractive index difference between a core and a clad of the optical fiber is in a range of from 0.1 % to 0.2 %.

Claim 20. (New) The optical recording apparatus of claim 6, wherein a relative refractive index difference between a core and a clad of the optical fiber is in a range of from

0.1 % to 0.2 %.

Claim 21. (New) The optical recording apparatus of claim 7, wherein a relative refractive index difference between a core and a clad of the optical fiber is in a range of from 0.1 % to 0.2 %.

Claim 22. (New) The optical recording apparatus of claim 8, wherein a relative refractive index difference between a core and a clad of the optical fiber is in a range of from 0.1 % to 0.2 %.